Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 24 Feb 2022 until 23:59 on Friday 25 Feb 2022

Forecast Issued on Wednesday 23 Feb 2022 at 12:05

Confidence: High for cold, showery conditions on Thursday then a much more settled, bright day on Friday. High for windy but mostly dry conditions over the weekend.

Headline for Thursday 24 Feb 2022: Bright spells and snow showers. Strong winds and feeling bitterly cold.

Mountain weather hazards on Thursday 24 Feb 2022

Blizzards
Low Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
Low Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Partly cloudy (night)	Light snow showers (night)	Heavy snow showers	Heavy snow showers	Light snow showers	Light snow showers	Heavy snow
Precipitation probability							
40%	40%	40%	40%	40%	40%	40%	70%

Forecast for Thursday 24 Feb 2022

Weather: Sleet or snow clearing around midnight then clear spells and the odd snow shower in the early hours. A very cold day with bright or sunny spells and occasional snow showers, the odd one could be heavy with a chance of thunder. The showers may merge to a longer spell of snow during the evening with blizzard conditions on the tops.

Chance of cloud-free hill tops above 600m: 60% becoming 30% in evening. Cloud heights highly variable as showers move through.

Low cloud and visibility: Generally very good between showers. Very poor at times in showers with cloud descending to 400m but you should see these approaching from the west. Any lying snow will blow about in the winds on the high summits. Very poor for a longer spell in the evening with blizzards on the tops.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 24 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/32 W	22/30 SW	21/28 SW	23/32 W	27/39 W	29/41 W	26/37 SW	28/41 SW	27/39 W
300	16/24 W	16/24 SW	16/24 SW	18/27 SW	22/33 W	22/34 W	20/32 SW	21/34 SW	22/36 W
Valley	11/23 W	10/23 SW	10/23 SW	13/27 W	16/33 W	15/31 W	13/28 SW	15/32 SW	16/33 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-6	-0/-7	-1/-8	-2/-10	-2/-10	-2/-10	-1/-9	-1/-10	-1/-9
300	4/-1	3/-3	2/-4	0/-6	1/-6	1/-6	2/-5	1/-6	2/-5
Valley	4/0	3/-1	2/-2	1/-4	1/-4	1/-4	2/-3	1/-4	2/-3
Freezing Level*	700m	500m	400m	300m	200m	200m	200m	300m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts of 45 to 55mph on the tops, mainly in an around showers, will give difficult walking conditions at times with a severe wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 23 Feb 2022	0mm	5.8mm	25.8mm

Forecast for Friday 25 Feb 2022

Weather: Wintry showers dying out overnight. A dry and bright day with plenty of crisp sunshine. Some cloud will spill across from the west in the evening. Fresh snow cover in the hills with strong glare from the sunshine.

Maximum wind: NW 30mph gusts 45mph overnight, easing by dawn. Westerly 10-15mph during daytime.

Chance of cloud-free hill tops above 600m: 95%.

Low cloud and visibility: Excellent air clarity with clear and expansive views to be enjoyed. Poor in any snow showers in the early hours.

Temperature: **Valleys:** Plus 2 Celsius rising to 4 or 5 Celsius.
At 600m: Minus 2 Celsius rising to 0 Celsius.
Freezing level: 300m rising to 600m.

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